

5'ATTA CGA TTA CTA TAG GGA TTT GGC CCT CGA GGC AAG AAA TTC GGC ACG AGG ATC

11	20	29	38	47	56
AGA CCA TCA GAA GGA TTT GTA TAA AGA GTG ACT CTC CTA TGA AGG TAA AGG CCA					
119	128	137	146	155	164
CCC CTC TTC AGT TCC AGT GAC TGA GAT ACA TTT TTC CAA TCC TGG GGC CAA ATA					
173	182	191	200	209	218
CAG ACA CAG CAA GTT CCT TCT TCC TCT TGG AAA TTT GGC AGC TGC CTT CAC CAG					
227	236	245	254	263	272
TGA GCA CAA AGC CAC ATT TCA AAG GAA ACT GAC AAA TTA TCC CCA GCT GCC AGA					
281	290	299	308	317	326
AGA AGA AAT CCT CAC TGG ACG GCT TCC TGT TTC CTG TGG TTC ATT ATC TGA TTG					
335	344	353	362	371	380
GCT GCA GGG ATG AAA GTT TTT AAG TTC ATA GGA CTG ATG ATC CTC ACC TCT					
389	398	407	416	425	434
GCG TTT TCA GCC GGT TCA GGA CAA AGT CCA ATG ACT GTG CTG TGC TCC ATA GAC					
A F S A G S G Q S P M T V L C S I D					

FIGURE 1A

443	452	461	470	479	488
TGG TTC ATG GTC ACA GTG CAC CCC TTC ATG CTA AAC AAC GAT GTG TGT GTA CAC					
---	---	---	---	---	---
W F M V T V H P F M L N N D V C V H					
497	506	515	524	533	542
TTT CAT GAA CTA CAC TTG GGC CTG GGT TGC CCC CCA AAC CAT GTT CAG CCA CAC					
---	---	---	---	---	---
F H E L H L G L G C P P N H V Q P H					
551	560	569	578	587	596
GCC TAC CAG TTC ACC TAC CGT GTT ACT GAA TGT GGC ATC AGG GCC AAA GGT GTC					
---	---	---	---	---	---
A Y Q F T Y R V T E C G I R A K A V					
605	614	623	632	641	650
TCT CAG GAC ATG GTT ATC TAC AGC ACT GAG ATA CAC TAC TCT TCT AAG GGC ACG					
---	---	---	---	---	---
S Q D M V I Y S T E I H Y S S K G T					
659	668	677	686	695	704
CCA TCT AAG TTT GTG ATC CCA GTG TCA TGT GCT GCC CCC CAA AAG TCC CCA TGG					
---	---	---	---	---	---
P S K F V I P V S C A A P Q K S P W					

FIGURE 1B

713	722	731	740	749	758
CTC ACC AAG CCC TGC TCC ATG AGA GTA GCC AGC AAG GCC ACA GCC CAG					
---	---	---	---	---	---
L T K P C S M R V A S K S R A T A Q					
767	776	785	794	803	812
AAG GAT GAG AAA TGC TAC GAG GTG TTC AGC TTG TCA CAG TCC AGT CAA AGG CCC					
---	---	---	---	---	---
K D E K C Y E V F S L S Q S S Q R P					
821	830	839	848	857	866
AAC TGC GAT TGT CCA CCT TGT GTC TTC AGT GAA GAA GAG CAT ACC CAG GTC CCT					
---	---	---	---	---	---
N C D C P P C V F S E E E H T Q V P					
875	884	893	902	911	920
TGT CAC CAA GCA GGG GCT CAG GAG GCT CAG CCT CTG CAG CCA TCT CAC TTT CTT					
---	---	---	---	---	---
C H Q A G A Q E A Q P L Q P S H F L					
929	938	947	956	965	974
GAT ATT TCT GAG GAT TGG TCT CTT CAC ACA GAT GAT ATG ATT GGG TCC ATG TGA					
---	---	---	---	---	---
D I S E D W S L H T D D M I G S M					
983	992	1001	1010	1019	1028
TCC TCA GGT TTG GGG TCT CCT GAA GAT GCT ATT TCT AGA ATT AGT ATA TAG TGT					

FIGURE 1C

TCCTT " 2569660

1037	1046	1055	1064	1073	1082
ACA AAT GTC TGA CAA ATA AGT GCT CTT GTG ACC CTC ATG TGA GCA CTT TTG AGA					
1091	1100	1109	1118	1127	1136
AAG AGA AAC CTA TAG CAA CTT CAT GAA TTA AGC CTT TTT CTA TAT TTT TAT ATT					
1145	1154	1163	1172	1181	
CAT GTG TAA ACA AAA AAT AAA ATA AAA TTC TGA TCG CAT AAA AAA AAA AAA 3'					

FIGURE 1D

5'G	10	19	28	37	46	55											
AGT	TGT	GAG	GGT	GTG	AGG	GTC	GCG	TTC	CTG	CTG	TCT	GGA	CTT	TTT	CTG	TCC	CAC
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	64	73	82	91	100	109											
TGA	GAC	GCA	GCT	GTG	TGA	AAT	ATG	ATT	TGG	CGA	GGA	AGA	TCA	ACA	TAT	AGG	CCT
---	---	---	---	---	---	---	M	I	W	R	G	R	S	T	Y	R	P
	118	127	136	145	154	163											
AGG	CCG	AGG	AGA	AGT	GTA	CCA	CCT	CCT	GAG	CTG	ATT	GGG	CCT	ATG	CTG	GAG	CCC
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
R	P	R	R	S	V	P	P	P	E	L	I	G	P	M	L	E	P
	172	181	190	199	208	217											
GGT	GAT	GAG	GAG	CCT	CAG	CAA	GAG	GAA	CCA	CCA	ACT	GAA	AGT	CGG	GAT	CCT	GCA
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G	D	E	E	P	Q	Q	E	E	P	P	T	E	S	R	D	P	A
	226	235	244	253	262	271											
CCT	GGT	CAG	GAG	AGA	GAA	GAA	GAT	CAG	GGT	GCA	GCT	GAG	ACT	CAA	GTG	CCT	GAC
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P	G	Q	E	R	E	E	D	Q	G	A	A	E	T	Q	V	P	D
	280	289	298	307	316	325											
CTG	GAA	GCT	GAT	CTC	CAG	GAG	CTG	TCT	CAG	TCA	AAG	ACT	GGG	GGT	GAA	TGT	GGA
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
L	E	A	D	L	Q	E	L	S	Q	S	K	T	G	G	E	C	G

1

TABLE 2B

334	343	352	361	370	379
AAT GGT CCT GAT GAC CAG GAG AAG ATT CTG CCA AAA TCA GAA CAA TTT AAA ATG					
N G P D D Q Q G K I L P K S E Q F K M					
388	397	406	415	424	433
CCA GAA GGA GGT GAC AGG CAA CCA CAG GTT TAA ATG AAG ACA AGC TGA AAC AAC					
P E G G D R Q P Q V					
442	451	460	469	478	487
ACA AAA CTG TTT TTA TCT AAG ATA TTT GAC TTA AAA ATA TCA AAA TAA ACT TTT					
496	505				
GCA GCT TTC TCC AAA AAA AAA A 3'					

FIGURE 2B